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APPLICANT: J. Skolnick, et al.
FILING DATE 05/23/97	GROUP unknown 2700

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES	NO
	AC							
	AD							

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

✓	AE	Taylor, W.R., "The Classification of Amino Acid Conservation", *J. Theor. Biol.*, Vol. 119, No. 1, pp. 205-218, March 7, 1986.
✓	AF	Hush, D.R., et al., "Progress in Supervise Neural Networks: What's New Since Lippmann?", *IEEE Signal Processing*, pp. 8-36, January 1993.
✓	AG	J. Skolnick, et al., "A Method for Prediction of Protein Structure from Sequence," *Current Biology*, Vol. 3, pp. 414-423, July 1, 1993.
✓	AH	Ruppert, J., et al., "Prominent Role of Secondary anchor Residues in Peptide Binding to HLA-A2.1 Molecules", *Cell*, Vol. 74, No. 5, pp. 929-937, September 10, 1993.
✓	AI	Lohmann, R., et al., "Neural network model for the prediction of membrane-spanning amino acid sequences", *Protein Science*, Vol. 3, No. 9, pp. 1597-1601, September 1994.
✓	AJ	Milik, M., et al., "An Object-Oriented Environment for Artificial Evolution of Protein Sequences: The Example of Rational Design of Transmembrane Sequences", *Evolutionary Programming IV: Proceedings from the Fourth Annual Conference on Evolutionary Programming*, McDonnell, J.R., et al., eds., pp. 603-613, MIT Press, Cambridge, 1995.
✓	AK	Schneider, G., et al., "Peptide Design *in Machina*: Development of Artificial Mitochondrial Protein Precursor Cleavage Sites by Simulated Molecular Evolution", *Biophysical Journal*, Vol. 68, pp. 434-447, February 1995.
✓	AL	Tomii, K., et al., "Analysis of amino acid indices and mutation matrices for sequence comparison and structure prediction of proteins", *Protein Engineering*, Vol. 9, No. 1, pp. 27-36, January 1996.

EXAMINER George Davis	DATE CONSIDERED 6/11/98

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute Disclosure Form (PTO-1449)

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